CIVIL TECH LABS
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Ph: 080 - 4114 2867, Email: civiltechlabs@gmail.com

TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-03**
Name of Work	Improvements and Asphalting to AGB Layout railway parallel road and 80 feet Northern Side cross roads in ward no 12 Shettyhalli Sub Division
Name of Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-15
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	CC-Work (Precast Slab 100mm Thick)	10/06/2019	17/06/2019	7	8.22	262	**11.64**	**11.79**
2					8.25	266	**11.82**	
3					8.27	268	**11.91**	

Note:
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Khushboo
(KHUSHBOO L.)
Quality Manager

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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-03**
Name of Work	Improvements and Asphalting to AGB Layout railway parallel road and 80 feet Northern Side cross roads in ward no 12 Shettyhalli Sub Division
Name of Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	Sample-1	12/06/2019	10/07/2019	28	8.17	475	**21.11**	**21.33**
2					8.19	480	**21.33**	
3					8.20	485	**21.56**	

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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-03**
Name of Work	Improvements and Asphalting to AGB Layout railway parallel road and 80 feet Northern Side cross roads in ward no 12 Shettyhalli Sub Division
Name of Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	Sampie-3	17/06/2019	15/07/2019	28	8.17	475	**21.11**	**21.33**
2					8.19	480	**21.33**	
3					8.20	485	**21.56**	

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TEST REPORT

GRADATION TEST ON GRANULAR SUB BASE MATERIALS GRADING - V

Name & Address of the Customer	AEE, Shettyhaili Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-03**
Name of Work	Improvements and Asphalting to AGB Layout railway parallel road and 80 feet Northern Side cross roads in ward no 12 Shettyhalli Sub Division
Name of the Agency	M/s. K. R. I. D. L.
Date of Testing	23/06/2019
Technical Reference	IS : 2386(Part I)–1963 (Reaffirmed 2016)

Sample-2			
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve as per MORTH (5th Revision) Table 400-1 for GSB Grading-V**	**Actual % By Weight Passing IS Sieve**	**Remarks**
75	100	**100**	**Satisfies the requirement**
53	80-100	**98.5**	
26.5	55-90	**63.2**	
9.5	35-65	**58.4**	
4.75	25-50	**43.6**	
2.36	10-20	**17.6**	
0.85	2-10	**8.3**	
0.425	0-5	**3.1**	

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TEST REPORT

GRADATION TEST ON WET MIX MACADAM

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-03**
Name of Work	Improvements and Asphalting to AGB Layout railway parallel road and 80 feet Northern Side cross roads in ward no 12 Shettyhalli Sub Division
Name of the Agency	M/s. K. R. I. D. L.
Date of Testing	03/07/2019
Technical Reference	IS : 2386(Part I)–1963 (Reaffirmed 2016)

Sample-3			
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve as per MORTH (5th Revision) Table 400-13 for WMM**	**Actual % By Weight Passing IS Sieve**	**Remarks**
53	100	**100**	**Satisfies the requirement**
45	95-100	**97.5**	
22.4	60-80	**78.2**	
11.2	40-60	**57.6**	
4.75	25-40	**32.1**	
2.36	15-30	**28.4**	
0.6	8-22	**17.5**	
0.075	0-5	**3.3**	

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TEST REPORT

GRADATION TEST ON WET MIX MACADAM

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-03**
Name of Work	Improvements and Asphalting to AGB Layout railway parallel road and 80 feet Northern Side cross roads in ward no 12 Shettyhalli Sub Division
Name of the Agency	M/s. K. R. I. D. L.
Date of Testing	06/07/2019
Technical Reference	IS : 2386(Part I)–1963 (Reaffirmed 2016)

Sample-2			
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve as per MORTH (5th Revision) Table 400-13 for WMM**	**Actual % By Weight Passing IS Sieve**	**Remarks**
53	100	**100**	**Satisfies the requirement**
45	95-100	**97.5**	
22.4	60-80	**77.2**	
11.2	40-60	**58.3**	
4.75	25-40	**37.9**	
2.36	15-30	**27.1**	
0.6	8-22	**18.1**	
0.075	0-5	**3.5**	

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